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Counsel for Defendants Google LLC et al.

[Additional counsel appear on signature page]

UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA
SAN FRANCISCO DIVISION

**IN RE GOOGLE PLAY STORE
ANTITRUST LITIGATION**

THIS DOCUMENT RELATES TO:

Epic Games, Inc. v. Google LLC et al.,
Case No. 3:20-cv-05671-JD

Case No. 3:21-md-02981-JD

**JOINT CERTIFICATION OF COUNSEL
REGARDING ADMITTED EXHIBITS**

Judge: Hon. James Donato
Trial Date: November 6, 2023
Time: 9:00 am
Place: Courtroom 11, 19th Floor

In compliance with Local Rule 5-1(g)(1)(A), Plaintiff Epic Games, Inc. and Defendants Google LLC, Google Ireland Limited, Google Commerce Ltd., Google Asia Pacific Pte. Ltd. and Google Payment Corp. (collectively, the “Parties”) certify that the exhibits listed below and attached hereto (and, due to the size of the exhibits, to the related docket entries) are true and correct copies of the admitted exhibits that were submitted to the jury in the above-captioned matters.

Exhibit No.	Description	Date Admitted
Exhibit 1	Web page titled “Google Chat Retention Policy” (02/26/2021), available at: https://support.google.com/info-gov/answer/9366391?hl=en&ref_topic=10252791	November 7, 2023
Exhibit 122	Document titled “Fortnite Task Force” (08/06/2018)	November 15, 2023
Exhibit 136	Slide deck titled “Boosting Top Game Developer Support and Securing Play Distribution on Samsung Devices” (03/28/2019)	November 7, 2023
Exhibit 142	Email from J. Heurlin to L. Koh re Hello and Follow Up (03/27/2019)	November 7, 2023
Exhibit 148	Email from K. Aviram Beatty to R. Wyatt and L. Koh re ABK Update - Armin Mtg (11/27/2019)	November 7, 2023
Exhibit 149	Email from L. Koh to M. Marchak re ABK Update - Armin Mtg 11/26 (12/04/2019)	November 7, 2023
Exhibit 150	Email from L. Koh to M. Marchak re ABK Update (12/12/2019)	November 7, 2023
Exhibit 151	Document titled “Google Strategic Partnership with Activision Blizzard King” (11/18/2020)	November 7, 2023
Exhibit 153	Document titled “Google Play Games Velocity Program Addendum to the Google Play Developer Distribution Agreement” (01/25/2020)	November 7, 2023
Exhibit 154	Email from L. Koh to B. Bazinski re Riot - Update (02/13/2020)	November 7, 2023
Exhibit 155	Email from K. Gambhir to G. Yousling re Riot GVP Call 1/23/20 - Next Steps (01/24/2020)	November 7, 2023

Exhibit No.	Description	Date Admitted
Exhibit 156	Email from G. Yousling to L. Koh re Riot & GVP (02/18/2020)	November 7, 2023
Exhibit 162	Document titled “Games Velocity Program Addendum to the Google Play Developer Distribution Agreement” (03/09/2020)	November 7, 2023
Exhibit 163	Document titled “Google Ads Credits Addendum” (06/16/2021)	November 7, 2023
Exhibit 290	Slide deck titled “Pixel Switching Study” (01/18/2017)	November 15, 2023
Exhibit 298	Email from A. Rubin to E. Chu re Draft blog post and FAQ for Android Market – Updated version with Erin’s feedback (08/27/2008)	November 14, 2023
Exhibit 299	Email from Google Documents [on behalf of E. Chu] to E. Chu re Android’s User-Driven Content... (10/22/2008)	November 14, 2023
Exhibit 300	Email from N. Shanbhag to E. Chu et al. re Android Market Business Model GPS Notes – 2/3/2009 (02/04/2009)	November 14, 2023
Exhibit 303	Email from E. Chu to M. Womack re Transaction Fee for Android Market priced apps in Japan (06/30/2009)	November 14, 2023
Exhibit 304	Email from J. Mattson to D. Morrill re Change in default revenue share (12/17/2009)	November 14, 2023
Exhibit 305	Web page titled “Android Developers Blog – Android Market: Now available for users” (10/22/2008)	November 14, 2023
Exhibit 308	Email from M. Stepka to E. Chu re Android Marketplace Payments – UPDATE (04/24/2009)	November 14, 2023

JOINT CERTIFICATION OF COUNSEL REGARDING ADMITTED EXHIBITS

Case Nos. 3:21-md-02981-JD; 3:20-cv-05671-JD

Exhibit No.	Description	Date Admitted
Exhibit 312	Email from J. Lagerling to E. Chu re FW Meeting notes from meeting with Eric Chu (08/23/2011)	November 14, 2023
Exhibit 316	Chat messages between E. Chu and E. Kim (06/07/2020)	November 14, 2023
Exhibit 319	Email from E. Chu to G. Prachi re Draft Email to Prep John (07/31/2020)	November 14, 2023
Exhibit 320	Email from E. Chu to P. Gupta re Scott Email for Play-YT Work Estimation (07/11/2020)	November 14, 2023
Exhibit 322	Email from E. Chu to P. Gupta re Boy-Flow/Policy 3-Team Sync (Monday) (06/07/2020)	November 14, 2023
Exhibit 332	Chat messages between E. Chu and P. Gupta (05/28/2020)	November 14, 2023
Exhibit 355	Email from R. Sharif to F. Hu et al. re FOP value (04/23/2019)	November 7, 2023
Exhibit 360	Slide deck titled "Play Value Model: Play BD StratOps" (08/08/2019)	November 7, 2023
Exhibit 384	Slide deck titled "Games Velocity Program - V1 Business Impact Assessment. V2 Introduction" (12/2020)	November 8, 2023
Exhibit 388	Slide deck titled "Project Basecamp – Optionality" (04/14/2021)	November 8, 2023
Exhibit 428***	Spreadsheet containing Google Play P&L information	November 27, 2023
Exhibit 433*	Slide deck titled "2021 Annual Plan- Finance Fact Pack Platforms & Ecosystems" (11/06/2020)	November 14, 2023
Exhibit 434	Slide deck titled "Play Update @ CFO Council" (09/20/2018)	November 27, 2023
Exhibit 436*	Slide deck titled "Compute - Platform & Ecosystem - Devices & Services - Board of Directors Update" (01/00/2020)	November 15, 2023
Exhibit 440***	Spreadsheet containing Android P&L information	November 27, 2023

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Exhibit No.	Description	Date Admitted
Exhibit 588	Email from P. Gennai to A. Kumar re Hiroshi Monthly Review: Thursday Next Week (10/21/2021)	November 30, 2023
Exhibit 591	Untitled document containing Play Problem Statement (03/26/2019)	November 30, 2023
Exhibit 596	Email from P. Gennai to S. Krishnamachari re Play Distribution Project (01/12/2019)	November 30, 2023
Exhibit 606	Document titled "Next Steps With Samsung" (05/23/2016)	November 30, 2023
Exhibit 617	Slide deck titled "MADA & RSA: Android Commercial Agreements" (08/00/2019)	November 13, 2023
Exhibit 623	Email from J. Kolotouros to D. Thevenon re rev share agreement with OEMs (07/08/2014)	November 13, 2023
Exhibit 624	Slide deck titled "Google Distribution on Android Framework" (06/01/2019)	November 13, 2023
Exhibit 626	Document titled "Google Mobile Revenue Share Agreement" (02/01/2020)	November 13, 2023
Exhibit 627	Document titled "Premier Tier Requirements" (05/12/2020)	November 13, 2023
Exhibit 628	Document titled "Partner Info Doc - OnePlus 8 Fortnite partnership" (03/27/2020)	November 13, 2023
Exhibit 647	Slide deck titled "Android 101" (05/00/2019)	November 13, 2023
Exhibit 652	Document titled "Store Agreement Term Sheet" (06/20/2019)	November 13, 2023
Exhibit 682	Slide deck titled "Amazon competitor deep dive" (04/00/2017)	November 13, 2023
Exhibit 704	Email from B. Barras to S. Samat re Tinder and Google Play Billing [Concern] (06/27/2017)	November 8, 2023
Exhibit 706	Email from S. Samat to H. Lockheimer re Transaction fee update (10/18/2017)	November 14, 2023
Exhibit 708	Document titled "Ruminations on Play's Business model" (08/07/2019)	November 13, 2023

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Case Nos. 3:21-md-02981-JD; 3:20-cv-05671-JD

Exhibit No.	Description	Date Admitted
Exhibit 713	Web page titled “Android Developers Blog - Listening to Developer Feedback to Improve Google Play” (09/28/2020), available at: https://landroid-developers.googleblog.com/2020109/listening-to-developer-feedback-to.html	November 9, 2023
Exhibit 761	Email from E. Cunningham to S. Samat re FN Update (08/15/2018)	November 13, 2023
Exhibit 762	Email from D. Kleidermacher to W. Luh re Fortnite today (08/15/2018)	November 15, 2023
Exhibit 768	Chat messages between E. Liderman and D. Kleidermacher (09/25/2020)	November 15, 2023
Exhibit 783	Email from J. Kolotouros to H. Lockheimer re Samsung Store Proposal (05/30/2019)	November 13, 2023
Exhibit 785	Email from J. Kolotouros to S. Samat re Samsung Next Steps (06/06/2019)	November 13, 2023
Exhibit 787	Email from E. Crosby to J. Kolotouros re Banyan (06/19/2019)	November 13, 2023
Exhibit 799	Email from J. Lagerling to J. Rosenberg re Wallet and DCB (10/08/2013)	November 13, 2023
Exhibit 800	Email from J. Rosenberg to S. Kassardjian re DirecTV Status (05/26/2016)	November 13, 2023
Exhibit 801	Email from J. Rosenberg to P. Kochikar re PLEASE READ: WSJ details (08/27/2013)	November 13, 2023
Exhibit 805	Slide deck titled “Epic/Fortnite BC Deal Review” (07/19/2018)	November 8, 2023
Exhibit 806	Email from J. Rosenberg to C. Smith re Fortnite Status (08/08/2018)	November 13, 2023
Exhibit 812	Email from E. Gass to T. Stone re Update (03/27/2020)	November 30, 2023
Exhibit 813	Email from E. Gass to H. Stolfus re OnePlus Fortnite Solution Update (03/30/2020)	November 30, 2023
Exhibit 814	Email from E. Gass to H. Stolfus re Epic Games x Game Space India (06/12/2020)	November 30, 2023

Exhibit No.	Description	Date Admitted
Exhibit 815	Email from C. Yang to K. Shin re Epic Games App Collaboration (04/20/2020)	November 30, 2023
Exhibit 917	Document titled “Response to Epic” (06/23/2018)	November 8, 2023
Exhibit 939	Slide deck titled “Google Play Business Model” (08/19/2020)	November 8, 2023
Exhibit 949	Email from E. Chu to A. Rubin re [Fwd: Re: 70-30 worldwide?] (06/07/2009)	November 14, 2023
Exhibit 1065	Document titled “Samsung 2020 Mobile Incentive Agreement(s)” (11/04/2020)	November 13, 2023
Exhibit 1172	Email from J. Woloz to B. Bilodeau et al. re Request for Fortnite Signing keys (08/11/2018)	November 15, 2023
Exhibit 1231	Email from E. Christensen to S. Buniac re 2020 Google Revenue Search Agreement Summary (Mobile Incentive Agreement) (02/12/2021)	November 29, 2023
Exhibit 1232	Document titled “Mobile Application Distribution Agreement” (01/18/2018)	November 29, 2023
Exhibit 1348	Slide deck titled “MagicLab - We build relationships”	November 8, 2023
Exhibit 1349	Slide deck titled “Q3/4 Business Review – App Stores Approach” (00/00/2020)	November 8, 2023
Exhibit 1351	Slide deck titled “Bumble Q3 2021 Board Meeting” (11/00/2021)	November 8, 2023
Exhibit 1352	Slide deck titled “Bumble Q2 2021 Board Meeting” (08/00/2021)	November 8, 2023
Exhibit 1353	Slide deck titled “Bumble Q4 2021 Board Meeting” (02/00/2022)	November 8, 2023
Exhibit 1362	Document titled “Amazon App Developer Key Terms Chart” (01/29/2021)	November 20, 2023
Exhibit 1363***	Spreadsheet containing Amazon information	November 20, 2023
Exhibit 1366	Document titled “Amazon Unlocks Coins Discounts for All Mobile Gamers” (08/24/2020)	November 20, 2023
Exhibit 1376	Email from T. Sullivan to H. Lockheimer re GMS Update Mechanism (05/18/2011)	November 14, 2023
Exhibit 1378	Email from J. Lagerling to H. Lockheimer re Clarification (01/28/2014)	November 14, 2023

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Case Nos. 3:21-md-02981-JD; 3:20-cv-05671-JD

Exhibit No.	Description	Date Admitted
Exhibit 1380	Email from H. Yoon to H. Lockheimer re Samsung Launches Samsung GALAXY Apps (07/11/2014)	November 14, 2023
Exhibit 1385	Email from M. Murphy to P. Schindler re [BC Approval Required] URGENT: Epic Games (07/21/2018)	November 14, 2023
Exhibit 1386	Email from S. Newberry to J. Rosenberg re Fortnite Task Force (08/25/2018)	November 14, 2023
Exhibit 1390*	Slide deck titled “2021 Annual Planning - Platforms & Ecosystems” (11/05/2020)	November 14, 2023
Exhibit 1391	Chat messages between S. Wojcicki and H. Lockheimer (06/23/2020)	November 14, 2023
Exhibit 1410	Slide deck titled “Project Wichita Update and Discussion Guide” (04/01/2016)	November 9, 2023
Exhibit 1417	Email from K. Rasanen to S. Samat re Spotify Policy Meeting Notes (10/17/2017)	November 15, 2023
Exhibit 1436	Web page titled “Play Console Help – Payments”	November 15, 2023
Exhibit 1438	Email from K. Rasanen to J. Rosenberg re Update Open Questions (09/18/2017)	November 15, 2023
Exhibit 1440	Email from K. Rasanen to J. Rosenberg et al. re GPB Grandfathering Discussions Update (02/07/2018)	November 15, 2023
Exhibit 1442	Email from K. Rasanen to P. Feng re Prep Doc for Spotify Meeting (11/27/2017)	November 15, 2023
Exhibit 1478	Document titled “Riot GVP Deal” (02/15/2020)	November 9, 2023
Exhibit 1483	Email from D. Harrison to M. Murphy re BC Guidance (07/11/2018)	November 20, 2023

Exhibit No.	Description	Date Admitted
Exhibit 1484	Email from D. Harrison to D. Sobota re Strategic Rationale (07/16/2018)	November 20, 2023
Exhibit 1485	Slide deck titled "Project Electra" (07/01/2018)	November 20, 2023
Exhibit 1492*	Document titled "Amendment to the Information Services Agreement" (09/30/2016)	November 20, 2023
Exhibit 1493	Document titled "Apple Partnership Strategy" (10/29/2020)	November 20, 2023
Exhibit 1496	Slide deck titled "Modular Google Play Billing EAP Pre-BC Exec Review" (07/27/2020)	November 20, 2023
Exhibit 1515	Email from P. Kochikar to T. Arzu and J. McGuire re Next Steps? (06/23/2018)	November 8, 2023
Exhibit 1517	Email from P. Kochikar to J. Rosenberg re Call script (07/19/2018)	November 8, 2023
Exhibit 1519	Email from P. Kochikar to J. Rosenberg re Facebook Connect...er, Casual Connect (08/03/2013)	November 8, 2023
Exhibit 1520	Email from P. Kochikar to A. Gutterman re Hi-po/hi-risk AAA/Indie Coverage (10/11/2018)	November 8, 2023
Exhibit 1522	Email from P. Kochikar to M. Theermann re risk (12/13/2019)	November 9, 2023
Exhibit 1524	Slide deck titled "Games Velocity Program" (06/01/2021)	November 9, 2023
Exhibit 1526	Email from D. Harrison to P. Kochikar re Magical Bridge TLDR (09/13/2019)	November 8, 2023
Exhibit 1530	Document titled "BC: Spotify Ltd. (BC22-006)" (02/17/2022)	November 9, 2023
Exhibit 1532	Document titled "Google Play Better Together Program Partnership ("Program") Addendum to the Google Play Developer Distribution Agreement" (06/14/2022)	November 21, 2023

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Case Nos. 3:21-md-02981-JD; 3:20-cv-05671-JD

Exhibit No.	Description	Date Admitted
Exhibit 1537	Email from P. Kochikar to S. Karam re A/C Privileged: Update on Tinder / GPB (07/23/2019)	November 8, 2023
Exhibit 1545	Email from M. McCurdy to C. Li et al re FB Pre-Installer Impacted by Android BD Outreach (03/02/2020)	November 9, 2023
Exhibit 1546	Document titled "Internal Briefing Document" (03/02/2020)	November 9, 2023
Exhibit 1549	Email from P. Kochikar to S. Lee re Next Steps + A Question (06/10/2020)	November 9, 2023
Exhibit 1704	Slide deck titled "Advanced GPB" (11/04/2020)	November 8, 2023
Exhibit 1710	Document titled "2022 planning 2-pager: GPB as Platform of Choice"	December 1, 2023
Exhibit 1764***	Excel workbook titled "30(b)(6)" (02/12/2020)	November 15, 2023
Exhibit 1766	Slide deck titled "Android Consideration: Likely Purchasers and Recent Purchasers"	November 15, 2023
Exhibit 1768	Slide deck titled "Android Brand Health" (06/00/2020)	November 15, 2023
Exhibit 1977	Email from A. Zerza to T. Sweeney re Interconnectivity (07/27/2019)	November 29, 2023
Exhibit 1978	Slide deck titled "Project Boston Overview" (12/12/2019)	November 29, 2023
Exhibit 1979	Slide deck titled "Google / [redacted] – Board Review of Enterprise Deal Proposals (01/00/2020)	November 29, 2023
Exhibit 1980	Document titled "Terms for Strategic Partnership" (06/16/2021)	November 29, 2023
Exhibit 2050	Document titled "Google's Updated Billing Proposal" (09/29/2017)	November 9, 2023
Exhibit 2051	Document titled "The Case Against Google Play Billing" (10/04/2017)	November 9, 2023
Exhibit 2052	Slide deck titled "Netflix & Google" (07/00/2018)	November 9, 2023
Exhibit 2054***	Untitled spreadsheet	November 9, 2023
Exhibit 2062	Untitled table containing Third-party Payment Fees	November 21, 2023
Exhibit 2698	Slide deck titled "Project Everest - Options for Evolving Play's Business Model" (8/10/2021)	November 8, 2023

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Case Nos. 3:21-md-02981-JD; 3:20-cv-05671-JD

Exhibit No.	Description	Date Admitted
Exhibit 2720***	Video of 2011 Chrome Keynote Presentation	November 14, 2023
Exhibit 2724	Email from A. Bishop to R. Roy-Chowdhury re Sync up on Polycraft Chrome App (10/28/2013)	November 14, 2023
Exhibit 2726	Email from R. PC Gibson to Android Leadership re Android Leadership 2013-04-16 (04/17/2013)	November 14, 2023
Exhibit 2728	Slide deck titled "Google Play Alphabet Board Update" (07/15/2020)	November 14, 2023
Exhibit 2731	Chat messages between S. Pichai and E. Singer (10/12/2021)	November 14, 2023
Exhibit 2903	Slide deck titled "Smartphone Purchase Journey 2018" (10/00/2018)	November 30, 2023
Exhibit 5187	Document titled "Android Compatibility Commitment" (01/30/2012)	November 13, 2023
Exhibit 5255	Document titled "Mobile Application Distribution Agreement (Android)" (03/30/2017)	November 13, 2023
Exhibit 5399	Document titled "Mobile Application Distribution Agreement (MADA)" (01/01/2018)	November 13, 2023
Exhibit 5488	Email from H. Lockheimer to T. Sweeney re Consumer Choice & Consumption (07/22/2020)	November 20, 2023
Exhibit 5497	Email from T. Sweeney to P. Spencer re Apple (08/07/2020)	November 20, 2023
Exhibit 5504	Email from J. Rosenberg to T. Sweeney re Fortnite Android launch plan (06/22/2018)	November 20, 2023
Exhibit 5509	Email from T. Sweeney to H. Lockheimer and J. Rosenberg re Fortnite on Google Play (12/05/2019)	November 20, 2023
Exhibit 5519	Email from P. Meegan to T. Sweeney et al. re Congratulations on Fortnite & Epic Games Launcher (03/24/2018)	November 6, 2023
Exhibit 5520	Email from T. Sweeney to J. Rosenberg re Fortnite Android launch plan (07/22/2018)	November 20, 2023

JOINT CERTIFICATION OF COUNSEL REGARDING ADMITTED EXHIBITS

Case Nos. 3:21-md-02981-JD; 3:20-cv-05671-JD

Exhibit No.	Description	Date Admitted
Exhibit 5528**	Slide deck titled “Project Liberty Update to the Board of Directors (Draft)” (07/27/2020)	November 30, 2023
Exhibit 5530	Slide deck titled “Project Liberty Update” (07/01/2020)	November 20, 2023
Exhibit 5580	Email from S. Samat to J. Rosenberg re email (06/08/2016)	November 13, 2023
Exhibit 5641*	Slide deck titled “P&E Annual Plan Play Sandbox” (2021)	November 14, 2023
Exhibit 5653	Slide deck titled “Lion Force Strategy: Pitch Document-WIP” (06/00/2018)	November 9, 2023
Exhibit 5666	Email from A. Pimplapure to A. Ludwig re We need to improve Android Security (09/23/2015)	November 14, 2023
Exhibit 5674	Slide deck titled “Subscriptions V2 Follow-Up” (07/31/2017)	November 13, 2023
Exhibit 5696	Email from M. Theermann to M. Marchak re ABK xPA deal terms (12/06/2019)	November 9, 2023
Exhibit 5714	Slide deck titled “Project Hug Update @ PPS” (06/19/2019)	November 9, 2023
Exhibit 5718	Slide deck titled “Amazon Underground User Experience” (11/00/2015)	November 8, 2023
Exhibit 5734	Email from T. Sweeney to D. Harrison re Fortnite and Android follow-up (03/25/2020)	November 20, 2023
Exhibit 5735	Email from T. Sweeney to D. Harrison re Invitation – Don Harrison & Tim Sweeney @ Mon Apr 13, 2020 (04/10/2020)	November 20, 2023
Exhibit 5809	Email from B. Barras to S. Karam re Value Exchange: Play/Google <-> Tinder/Match Group (06/07/2019)	November 8, 2023
Exhibit 5816	Document titled “How Google Play Works: 2019 Google Play Public Policy Report” (2019)	November 9, 2023
Exhibit 5820	Email from S. Sayigh to Z. Levine et al. re Play Payment Policy -- Carrier Plan (12/05/2017)	November 15, 2023
Exhibit 5911	Slide deck titled “App Quality Gap 1. Initial thoughts & learning plan” (2020)	November 9, 2023

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Case Nos. 3:21-md-02981-JD; 3:20-cv-05671-JD

Exhibit No.	Description	Date Admitted
Exhibit 5921	Email from P. Kochikar to D. Harrison and L. Koh re Fortnite on Google Play (12/10/2019)	November 7, 2023
Exhibit 5932	Slide deck titled “P&E Better Together First Draft” (10/27/2020)	November 14, 2023
Exhibit 5941**	Slide deck titled “The Gen Z Effect: Tech, trends, and truths for a new(er) generation” (04/03/2020)	November 9, 2023
Exhibit 5945**	Slide deck “Android Feature Audit” (04/02/2020)	November 15, 2023
Exhibit 5956	Email from J. Rosenberg to H. Lockheimer re TV (03/24/2015)	November 13, 2023
Exhibit 5963	Slide deck titled “GMS apps on Low RAM - leadership update” (05/25/2016)	November 13, 2023
Exhibit 5973	Email from S. Karam to P. Kochikar re Sorry... (06/20/2018)	November 15, 2023
Exhibit 5996	Email from J. Rosenberg to S. Samat et al. re Time-Sensitive: Subscriptions (05/28/2016)	November 13, 2023
Exhibit 6044	Slide deck titled “Summaries of Individual Apps – 2020 Q3” (11/05/2020)	November 9, 2023
Exhibit 6056	Slide deck titled “You Said What?! 10 Things to Ensure You Are Communicating with Care”	November 7, 2023
Exhibit 6066	Email from J. Rosenberg to P. Bankhead et al. re Project Banyan Update (07/12/2019)	November 13, 2023
Exhibit 6133	Email from S. Samat to E. Crosby re Samsung & Games (02/07/2019)	November 13, 2023
Exhibit 6178**	Slide deck titled “Google Play Q3’ 21 Onboarding” (08/20/2021)	December 1, 2023
Exhibit 6190	Email from J. Dischler to D. Harrison re Tim Briefing Feedback (12/20/2018)	November 20, 2023
Exhibit 6288***	Video excerpts from 2020 Play & Friends All Hands meeting	December 1, 2023

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Case Nos. 3:21-md-02981-JD; 3:20-cv-05671-JD

Exhibit No.	Description	Date Admitted
Exhibit 6390	Slide deck titled "Google Enterprise Deal Extension" (08/24/2022)	November 9, 2023
Exhibit 6446*	Untitled document containing "Notes for Don" (05/08/2019)	November 13, 2023
Exhibit 6454	Chat messages between T. McDowell and M. Lam (11/09/2022)	November 9, 2023
Exhibit 6461	Chat messages between O. Jan and D. Chandra (12/08/2022)	November 7, 2023
Exhibit 6462	Chat messages between E. Young and M. Lam (03/17/2022)	November 9, 2023
Exhibit 6464	Chat messages between M. Lam, M. Jayson and P. Ladhawala (02/16/2021)	November 9, 2023
Exhibit 6465	Chat messages between K. Stolz and M. Lam (03/21/2022)	November 9, 2023
Exhibit 6479	Chat messages between M. Lam and S. Walsh (09/06/2022)	November 9, 2023
Exhibit 6487	Chat messages between E. Garber and T. Ostrowski (01/26/2021)	November 9, 2023
Exhibit 6488	Chat messages between E. Garber and T. Ostrowski (03/17/2022)	November 9, 2023
Exhibit 6618	Web page titled "Play Fortnite on Android," available at: https://www.fortnite.com/mobile/android	November 30, 2023
Exhibit 6619	Web page titled "Fortnite Download," available at: https://www.fortnite.com/mobile/android/new-device	November 30, 2023
Exhibit 6621	Web page titled "Play Fortnite on Mobile Devices," available at: https://www.fortnite.com/mobile	November 30, 2023
Exhibit 6691	Web page titled "The apps you love. From a place you can trust," available at: https://www.apple.com/app-store/	December 1, 2023

Exhibit No.	Description	Date Admitted
Exhibit 6695***	Video titled “Apple Makes Fun of Android #3,” available at: https://www.youtube.com/watch?v=z1APG3HjO4Q (04/22/2018)	November 14, 2023
Exhibit 6836	Email from J. Nunes to C. Oliver re Fwd: Google Play competitive analysis (02/05/2019)	December 1, 2023
Exhibit 6839	Email from A. Rofman to C. Oliver re Google now lets apps display sale price in the Play Store – The Verge (02/28/2017)	December 1, 2023
Exhibit 6840	Email from N. Sebastiani to C. Oliver re Google Play Pass, Apple Arcade will spar for mobile gamers – Quartz (09/17/2019)	December 1, 2023
Exhibit 6845	Email from M. Fischer to S. McGuigan re Google Play Store shows on the streaming apps that have the movie or show you’re searching for (09/17/2019)	December 1, 2023
Exhibit 6848	Email from D. Hopkins to C. Oliver re Google Play now lets Android app developers see review highlights, rating charts VentureBeat Dev by Jordan Novet (03/02/2016)	December 1, 2023
Exhibit 6849	Email from R. Olson to J. Goodrum re Google Play Console – Data Benchmark Enhancements (05/30/2019)	December 1, 2023
Exhibit 6853	Email from C. Oliver to J. Ng re Content Price Comparison (11/28/2017)	December 1, 2023
Exhibit 6903	Summary exhibit titled “Operating System Shares Based on Smartphone Sales by Region”	November 27, 2023
Exhibit 6924	Summary exhibit titled “Operating System Shares Based on Smartphone Sales by Region”	November 27, 2023
Exhibit 6931	Summary exhibit titled “Native App and Web App Share of Total Minutes Among 14 App Categories With Most Total App Minutes on US Android Smartphones, May 2022”	November 27, 2023
Exhibit 6932	Summary exhibit titled “Third-Party Smartphone Operating System Unit Shares, Based on Number of Smartphone Unit Sales”	November 27, 2023
Exhibit 6940	Summary exhibit titled “Shares of App Entitlements on Google Android Devices, Worldwide (Excluding China)”	November 27, 2023

JOINT CERTIFICATION OF COUNSEL REGARDING ADMITTED EXHIBITS

Case Nos. 3:21-md-02981-JD; 3:20-cv-05671-JD

Exhibit No.	Description	Date Admitted
Exhibit 6941	Summary exhibit titled “Third-Party App Store Shares of App Entitlements on Google Android Devices, Worldwide (Excluding China)”	November 27, 2023
Exhibit 6950	Summary exhibit titled “Google Play Revenue and Profit by Year, Worldwide, 2011–2021”	November 27, 2023
Exhibit 6952	Summary exhibit titled ‘Difference Between Average Android and iOS Smartphone Price, 2009-2021, Worldwide (Excluding China)’	November 27, 2023
Exhibit 6956	Summary exhibit titled “Google Play Historical Operating Results 2011-2021”	November 27, 2023
Exhibit 6989	Summary exhibit titled “Active RSA 3.0 Premier or MIA Devices and Active Android Devices That Are Not RSA 3.0 Premier or MIA Devices United States”	November 28, 2023
Exhibit 6991	Summary exhibit titled “Active RSA 3.0 Premier or MIA Devices and Active Android Devices That Are Not RSA 3.0 Premier or MIA Devices Worldwide (excl. China)”	November 28, 2023
Exhibit 6993	Summary exhibit titled “Android Devices with a Preinstalled Alternative App Store (United States)”	November 28, 2023
Exhibit 6994	Summary exhibit titled “Android Devices with a Preinstalled Alternative App Store Worldwide, excl. China”	November 28, 2023
Exhibit 7002	Summary exhibit titled “Epic Revenue From All Fortnite Players By Device Type United States”	November 28, 2023
Exhibit 7006	Summary exhibit titled “Epic Revenue From Android Fortnite Players By Device Type United States”	November 28, 2023
Exhibit 7008	Summary exhibit titled “Epic Revenue From Android Fortnite Players By Device Type Worldwide (excl. China)”	November 28, 2023

JOINT CERTIFICATION OF COUNSEL REGARDING ADMITTED EXHIBITS

Case Nos. 3:21-md-02981-JD; 3:20-cv-05671-JD

Exhibit No.	Description	Date Admitted
Exhibit 7011	Summary exhibit titled “Worldwide Smartphone and Feature Phones Sales by Operating System (U.S. Dollars)”	November 28, 2023
Exhibit 7020	Summary exhibit titled “Gross Revenue and Active Users from Fortnite on iOS and Android – Weekly Gross Revenue from Fortnite”	November 28, 2023
Exhibit 7028	Summary exhibit titled “Worldwide Android Smartphone Sales”	November 28, 2023
Exhibit 7031	Summary exhibit titled “Worldwide App Developer Revenue”	November 28, 2023
Exhibit 7073	Summary exhibit titled “Share of Active GMS Devices and Fortnite Compatible Active GMS Devices by RSA Type”	November 28, 2023
Exhibit 7079	Summary exhibit titled “Share of Active GMS Devices and Fortnite Compatible Active GMS Devices by RSA Type”	November 28, 2023
Exhibit 7089	Summary exhibit titled “Share of Active Devices That Are Premier Tier of MIA Devices, Worldwide (Excluding China)”	November 28, 2023
Exhibit 7090	Summary exhibit titled “Share of Active Devices That Are Premier Tier of MIA Devices, United States”	November 28, 2023
Exhibit 7095	Summary exhibit titled “Share of New Apps That Pay Service Fees”	November 28, 2023
Exhibit 7102	Summary exhibit titled “Share of App Developer Revenue (User Spend) In Google Play by Monetization Type”	November 28, 2023

JOINT CERTIFICATION OF COUNSEL REGARDING ADMITTED EXHIBITS

Case Nos. 3:21-md-02981-JD; 3:20-cv-05671-JD

Exhibit No.	Description	Date Admitted
Exhibit 7114	Summary exhibit titled “Share of U.S. Active GMS Devices by RSA Type”	November 28, 2023
Exhibit 7115	Summary exhibit titled “Premier Tier Share of GMS Device Activations, United States”	November 28, 2023
Exhibit 7178	Summary exhibit titled “Number of App Installations from Alternative Sources (United States)”	November 28, 2023
Exhibit 7179	Summary exhibit titled “Number of App Installations from Alternative Sources Worldwide (excl. China)”	November 28, 2023
Exhibit 7260	Email from M. Weissinger re Fortnite going big (5/15/2020)	November 30, 2023
Exhibit 8004	Email from T. Sweeney to P. Spencer (03/08/208)	November 20, 2023
Exhibit 8005	Email from P. Rosenberg to T. Sweeney re Fortnite interoperability and esports (06/02/2018)	November 20, 2023
Exhibit 8009	Web page titled “Man-in-the-Disk: A New Attack Surface for Android Apps,” available at: https://blog.checkpoint.com/security/man-in-the-disk-a-new-attack-surface-for-android-apps/	November 15, 2023
Exhibit 8019	Email from D. Harrison to R. Porat et al. re Activision Blizzard deal for Dec 19 BC Review (12/16/2019)	November 20, 2023
Exhibit 8020	Chats between M. Lam and M. Mackey et al. (09/22/2021)	November 9, 2023
Exhibit 8021	Chats between E. Young and M. Lam (03/17/2022)	November 9, 2023
Exhibit 8022	Web page titled “Developer Program Policy” (effective 08/31/2023)	November 6, 2023
Exhibit 8024	Chats between S. Lu and M. Lam (01/13/2021)	November 9, 2023
Exhibit 8025	Slide deck titled “Play Payments Policy” (06/17/2020)	November 9, 2023

JOINT CERTIFICATION OF COUNSEL REGARDING ADMITTED EXHIBITS

Case Nos. 3:21-md-02981-JD; 3:20-cv-05671-JD

Exhibit No.	Description	Date Admitted
Exhibit 8028	Screenshot titled “Only 14 days left on your free trial! Get unlimited access to all Down Dog apps”	November 6, 2023
Exhibit 8029	Document titled “Google Play Developer Program Policies” (06/24/2014)	November 13, 2023
Exhibit 8030	Email from M. Drake to B. Coughran and K. Walker re [Googlers] Business communication is a complicated word (09/16/2008)	November 14, 2023
Exhibit 8033	Email from K. Rasanen re Activity Report, January 29 - February 16, Play Apps BD (02/20/2018)	November 15, 2023
Exhibit 8045	Screenshot of purchasing V-Bucks on Android device	November 20, 2023
Exhibit 8054***	Video titled “The Uncertain Internet: Core Values for the Next Administration”	November 29, 2023
Exhibit 8519	Slide deck titled “Ecosystem Enablement –: Increase the value of Play to Android Developers” (1/00/2020)	November 9, 2023
Exhibit 8520	Document titled “Final Themes for BD Planning”	November 9, 2023
Exhibit 8522	Slide Deck titled “Play + Cloud Credit Program Proposal (Project Hug)” (03/00/2019)	November 9, 2023
Exhibit 8523	Slide Deck titled “Project Banyan Phase 1: Ecosystem Overview” (02/00/2019)	November 9, 2023
Exhibit 8526	Email from K. Rasanen to J. Rosenberg et al. re [Meeting Summary] Play Payment Policy (03/24/2018)	November 9, 2023
Exhibit 8539	Email from K. Rasanen to S. Shih et al. re KR Impressions of India [Long Read] (08/01/2018)	November 15, 2023
Exhibit 8554	Email from K. Rasanen to P. Feng et al. re Link in-app actions to rewards on Tez (03/30/2018)	November 15, 2023
Exhibit 8555	Email from S. Sayigh to T. Arzu et al. re Reviewing the YT payment flow as part of the policy work (10/02/2017)	November 15, 2023
Exhibit 8564	Text message chat involving J. Kim (08/09/2018)	November 13, 2023
Exhibit 8567	Email from M. Petrillo to J. Rosenberg et al. re Time-Sensitive: Subscriptions (06/03/2016)	November 30, 2023
Exhibit 8568	Chung Eui-Suk chat (08/09/2018)	November 13, 2023

Exhibit No.	Description	Date Admitted
Exhibit 8573**	Slide deck titled “Google Play Q2 18 Onboarding Day 1”	November 15, 2023
Exhibit 8574	Document titled “Netflix/Google exec meeting Internal Brief”	November 15, 2023
Exhibit 8576	Email from E. Cunningham to P. Kochikar et al. re Vulnerability report: Fortnite Installer downloads on ANdroid are vulnerable to hijacking (08/15/2018)	November 15, 2023
Exhibit 8591	Web page titled “Download & install Google Chrome”	November 15, 2023
Exhibit 8594	Chat messages between T. Lim, D. Menon, K. Vitaldevara, G. Hartrell, P. Feng and M. Loew (08/20/2021)	December 1, 2023
Exhibit 8613	Email from D. Jackson to C. Smith et al. re FYI: Epic / Google Play (01/09/2020)	November 20, 2023
Exhibit 8636	Email from E. Crosby to A. Cheng et al. re [Meeting Notes & ALS] PPS - Subscriptions 3/8 + 3/9 (3/10/2017)	November 30, 2023
Exhibit 9001	Chat messages between T. Randall and S. Allison (08/11/2020)	November 6, 2023
Exhibit 9016	Email from T. Sweeney to P. Spencer re Subscription-free multiplayer (08/05/2020)	November 20, 2023
Exhibit 9051***	Video titled “Kleidermacher Demonstrative 1”	November 15, 2023
Exhibit 9052***	Video titled “Kleidermacher Demonstrative 2”	November 15, 2023
Exhibit 9053***	Video titled “Kleidermacher Demonstrative 3”	November 15, 2023
Exhibit 9200	Email from TM Roh to T. Sweeney et al. re Fortnite on Google Play and future Samsung Pay efforts (05/06/2020)	November 20, 2023
Exhibit 9500	Demonstrative titled “Testimony of Gregory K. Leonard, Ph.D”	December 1, 2023
Exhibit 9708	Summary Exhibit titled “Worldwide Android Smartphone Prices”	November 28, 2023
Exhibit 9900	C. Oliver Tweet (09/07/2016)	December 1, 2023

Exhibit No.	Description	Date Admitted
Exhibit 10002	Website titled “Google Chat Retention FAQs” (10/01/2021)	November 7, 2023
Exhibit 10004	Web page titled “Fortnite on Android Launch Technical Blog” (09/06/2018)	November 30, 2023
Exhibit 10005	Email from J. Sargent to A. Grant re what services are we NOT using from Google Play? (08/15/2019)	November 30, 2023
Exhibit 10010	Chat messages between T. Stone and A. Grant (07/29/2020)	November 30, 2023
Exhibit 10018	Email from E. Zobrist to L. Koh re Follow up to our Google Meet chat (04/11/2020)	November 7, 2023
Exhibit 10020	Email from D. Song to L. Koh re Thank you (04/21/2020)	November 7, 2023
Exhibit 10026	Email from T. Sweeney to H. Lockheimer re Fortnite on Google Play (01/13/2020)	November 20, 2023
Exhibit 10028	Email from D. Song to L. Koh re Thank you (04/21/2020)	November 30, 2023
Exhibit 10104	Document titled “Example of ‘1:1’ Chat”	November 7, 2023
Exhibit 10171	Chat messages between A. Shobin and H. Stolfus (04/28/2020)	November 30, 2023
Exhibit 10184	Slide deck titled “Fortnite Mobile: Mobile Business Update/Deep Dive”	November 30, 2023
Exhibit 10193	Email from H. Stolfus to L. Koh re Follow up to our Google Meet chat (04/15/2020)	November 30, 2023
Exhibit 10194	Email from H. Stolfus to E. Zobrist re Heads up (04/23/2020)	November 30, 2023
Exhibit 10196	Chat messages between E. Zobrist and H. Stolfus (04/30/2020)	November 30, 2023
Exhibit 10198	Email from M. Weissinger to H. Stolfus re The Why (07/17/2020)	November 30, 2023
Exhibit 10521	Slide deck titled “Fortnite Mobile: Mobile Business Update/Deep Dive”	November 30, 2023
Exhibit 10538	Email from D. Shaw to T. Sweeney et al. re xCloud (10/06/2021)	November 30, 2023
Exhibit 10540	Email from A. Grant to undisclosed recipients re Fortnite Releases on xCloud Tomorrow! (05/05/2022)	November 30, 2023

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Case Nos. 3:21-md-02981-JD; 3:20-cv-05671-JD

Exhibit No.	Description	Date Admitted
Exhibit 10677	Email from D. Wallerstein to J. Babcock re Epic Board Report 2Q19 and 2018 Annual Audited Financial Statements (Internet mail) (05/11/2019)	November 20, 2023
Exhibit 10684	Email from T. Sweeney to M. Rein re Apple/Google approach (attorney client privilege) (05/11/2020)	November 20, 2023
Exhibit 10692	Spreadsheet titled "Epic Games Non-GAAP Consolidated Financials" (12/31/2021)	December 1, 2023
Exhibit 10694***	Spreadsheet titled "Epic Games, Detailed Consolidated P&L (Overhaul & Non-GAAP)" (02/02/2021)	December 1, 2023
Exhibit 10708	Email from R. Gelber to D. Wallerstein re (Internet mail) (09/30/2020)	December 1, 2023
Exhibit 10811	Email from T. Sweeney to A. Zerza re Interconnectivity (06/29/2019)	November 29, 2023
Exhibit 10883	Google Play Developer Distribution Agreement (11/17/2020)	November 9, 2023
Exhibit 10928	Email from A. Ong to P. Kochikar, B. Barras re Sorry... (06/19/2018)	November 9, 2023
Exhibit 11110	Document titled "Tinder Play Value Estimate"	November 8, 2023
Exhibit 11221	Slide deck titled "Mobile Distribution" (12/00/2018)	November 29, 2023
Exhibit 11222	Document titled "Self-Publishing Games - Circumventing Google Play"	November 29, 2023
Exhibit 11226	Document titled "Nicolo:Jarred Agenda" (01/30/2019)	November 29, 2023
Exhibit 11227	Slide deck titled "Google Velocity Deal" (02/04/2020)	November 29, 2023
Exhibit 11229	Email from S. O'Donnell to N. Laurent re [Singing Session] Non-Coupa, Credits Contract: Google, Inc. (RGI) – Google Velocity P, GCP, and AC Addendums (03/09/2020)	November 29, 2023
Exhibit 11370	Slide deck titled "MagicLab: 2020 Q1 Board Meeting: Buzz Holdings GP LLC, Worldwide Vision Ltd (05/14/2020)	November 8, 2023
Exhibit 11373	Slide deck titled "Tilting Point – Google – Annual Recap (01/27/2022)	December 1, 2023

JOINT CERTIFICATION OF COUNSEL REGARDING ADMITTED EXHIBITS

Case Nos. 3:21-md-02981-JD; 3:20-cv-05671-JD

Exhibit No.	Description	Date Admitted
Exhibit 11405	Document titled “US Amazon Appstore – Consumer Q1-13 Program Summary (04/23/2013)”	November 20, 2023
Exhibit 11406	Document titled “2021 Appstore Experience Final Review”	November 20, 2023
Exhibit 11408	Web page titled “How to Sideload Apps onto Your Amazon Fire Tablet” (03/02/2022)	November 20, 2023
Exhibit 11409	Demonstrative titled “Developer Concerns”	November 15, 2023

* The Court has permitted the Parties to file Exhibit 433, Exhibit 436, Exhibit 1390, Exhibit 1492 and Exhibit 5641 in excerpted form. *See* Trial Tr. 3297:17-3300:20. Exhibit 6446 was inadvertently omitted from the list of exhibits that Google requested to file in excerpted form. Epic does not object to Google’s request to file excerpts of this document. All of these exhibits were admitted into evidence in their entirety, and complete, unexcerpted copies were provided to the Court and jury. The Parties agree that the entirety of these exhibits—and not just the excerpted pages—are part of the record and may be used in any further proceedings or on appeal.

** The Court admitted portions of Exhibit 5528, Exhibit 5941, Exhibit 5945, Exhibit 6178 and Exhibit 8573. For these exhibits, the Parties have filed just the portions that were admitted into evidence.

*** Exhibit 428, Exhibit 440, Exhibit 1363, Exhibit 1764, Exhibit 2054, Exhibit 2720, Exhibit 6288, Exhibit 6695, Exhibit 8054, Exhibit 9051, Exhibit 9052, Exhibit 9053 and Exhibit 10694 could not be filed electronically in their native form. Copies of these exhibits in their native forms are being maintained in the case file in the Clerk’s office.

1 DATED: December 21, 2023

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12 Respectfully submitted,

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14 DATED: December 21, 2023

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E-FILING ATTESTATION

I, Gary A. Bornstein, am the ECF User whose ID and password are being used to file this document. In compliance with Civil Local Rule 5-1(i)(3), I hereby attest that each of the signatories identified above has concurred in this filing.

/s/ Gary A. Bornstein
Gary A. Bornstein